

ECR#: P19

Tracker #: None

Status: Ratified

Title: Clarify USB Termination and Pulldown Locations

Release Date: September 1998

Impact, Medium: Motherboard specification clarification

Spec. Version: NLX Motherboard Specification 1.2

Summary:

Make text changes in the “Termination” column of Table 4.10 for pins A157, A158, A160, and A161. Also add a new footnote to the table to clarify the termination and pulldown locations.

Background:

USB termination and pulldown locations are not specified completely in Table 4.10. A footnote is added to Table 4.10 (page 44) to clarify the locations.

Changes Current Specification As Shown:

In Table 4.10 (page 44), make text changes in the “Termination” column for pins A157, A158, A160, and A161. Substitute the **bold** text below for the existing text in that column.

Add the new footnote, which clarifies the termination and pulldown locations, below the existing table and notes.

Table 4.10: IDE, Floppy and Front Panel Section, continued

Pin	Signal Name	Type	I/O	Termination	Pin	Signal Name	Type	I/O	Termination
A157	USB1/3_N	MISC	I/O	Note 1	B157	FP_RST#	MISC	I	MB
A158	USB1/3_P	MISC	I/O	Note 1	B158	GND	PWR	NA	NA
A159	USB1/3_OC#	MISC	I	RIS	B159	PWRLED#	MISC	O	RIS
A160	USB2/4_N	MISC	I/O	Note 1	B160	PWOK	PWR	I	NA
A161	USB2/4_P	MISC	I/O	Note 1	B161	SOFT_ON/OFF#	PWR	I	MB

Note:

- ¹ USB termination for EMI belongs on the riser close to the USB connector. Pulldown and series termination are located on the motherboard.